

**FIG. 1**

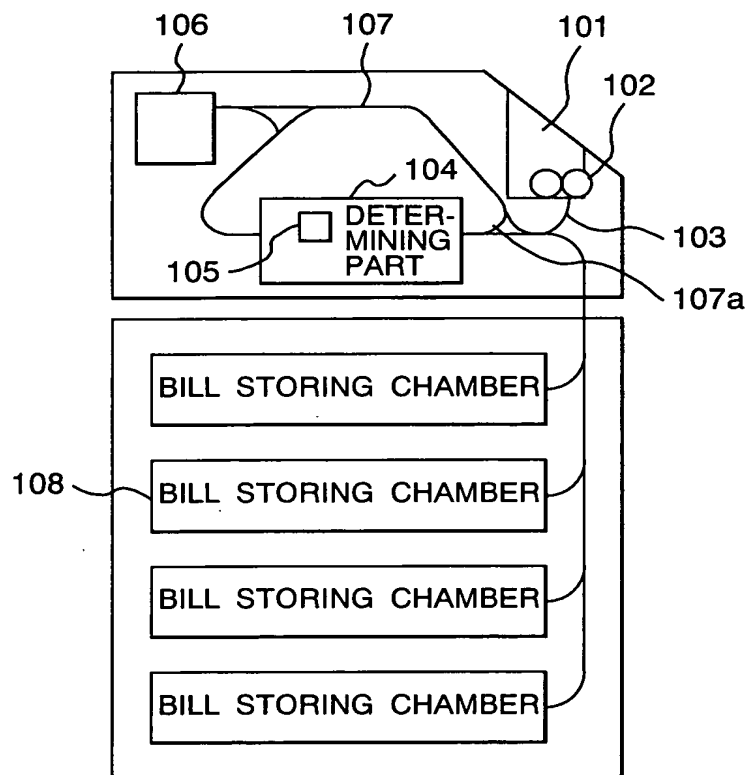


FIG. 2

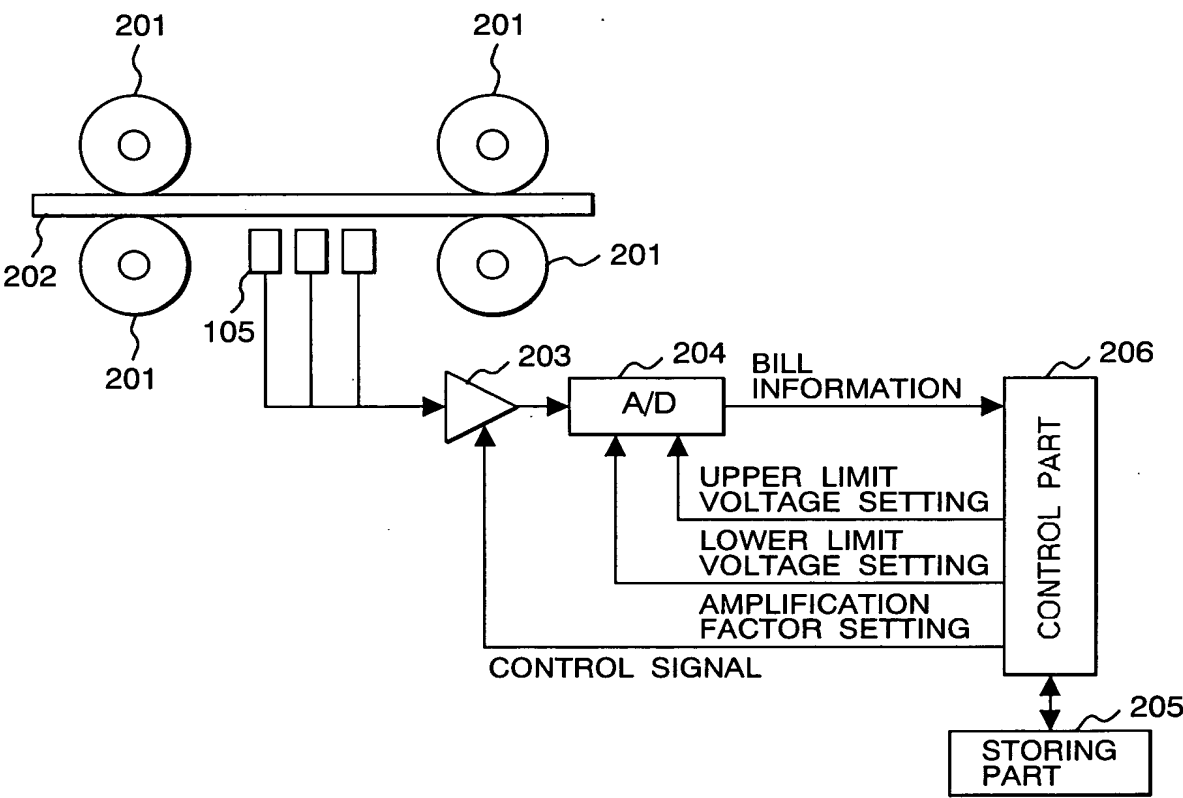


FIG. 3a

NORMAL AMPLIFICATION FACTOR

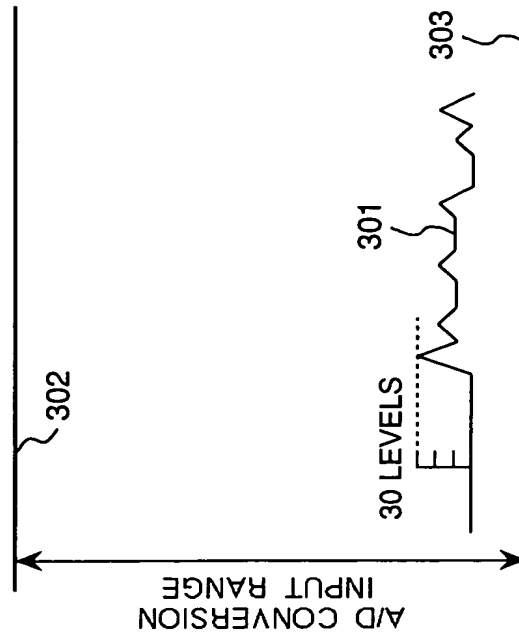
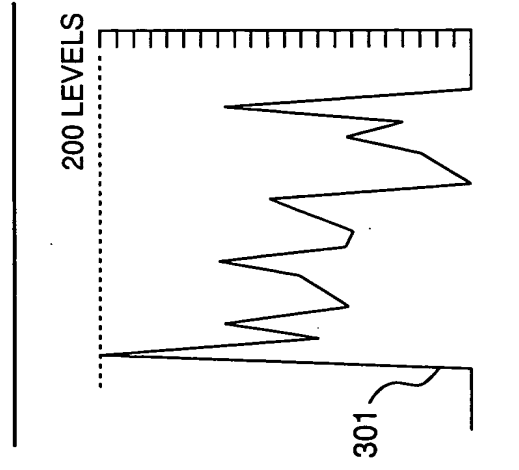


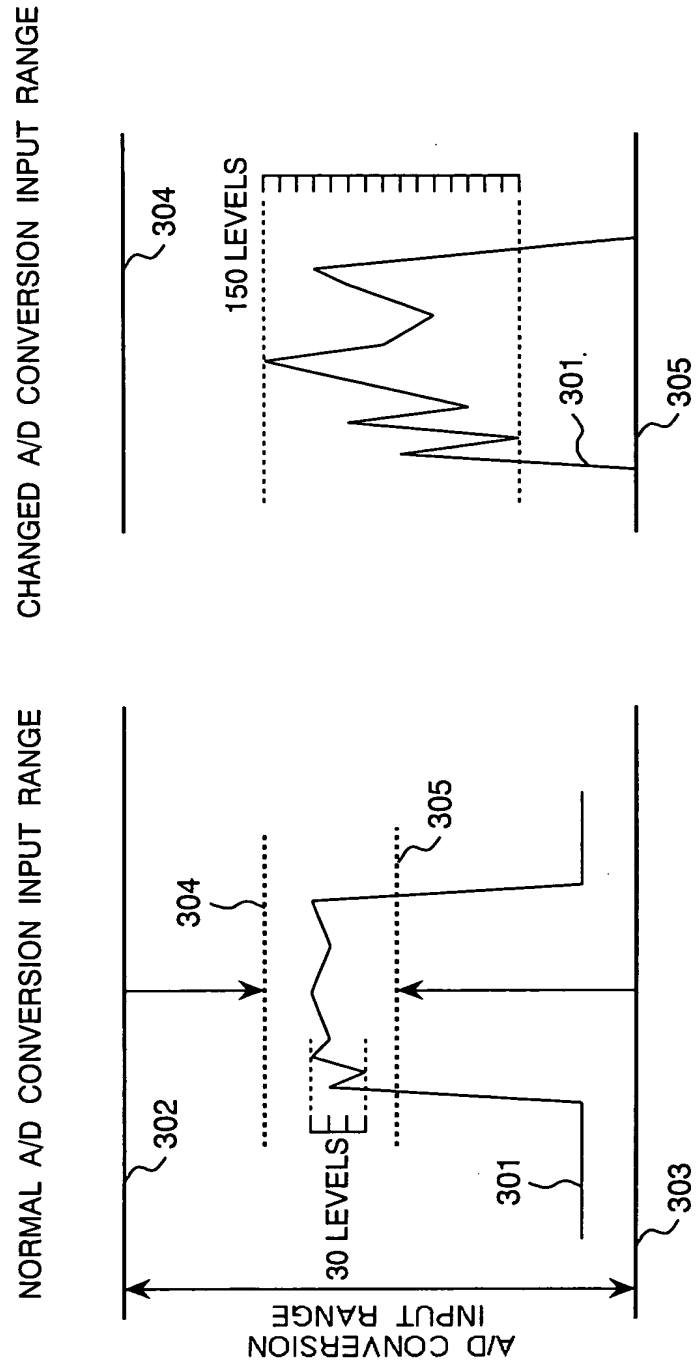
FIG. 3b

HIGHER AMPLIFICATION FACTOR



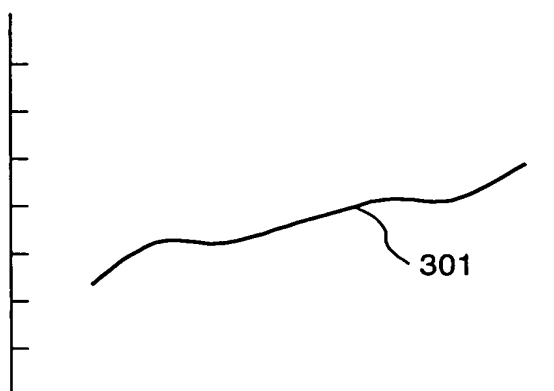
**FIG. 4a**

**FIG. 4b**



**FIG. 5a**

NORMAL OUTPUT OF AMPLIFIER

**FIG. 5b**

NORMAL OUTPUT AFTER A/D CONVERSION

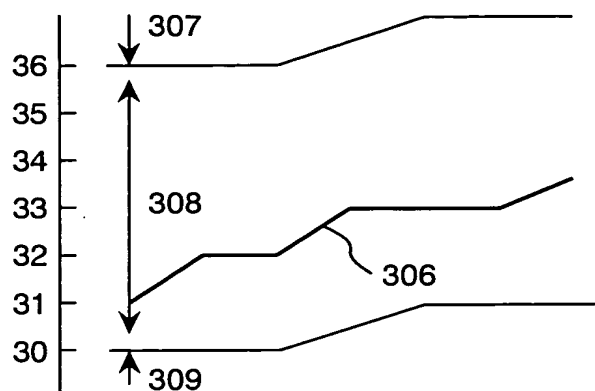
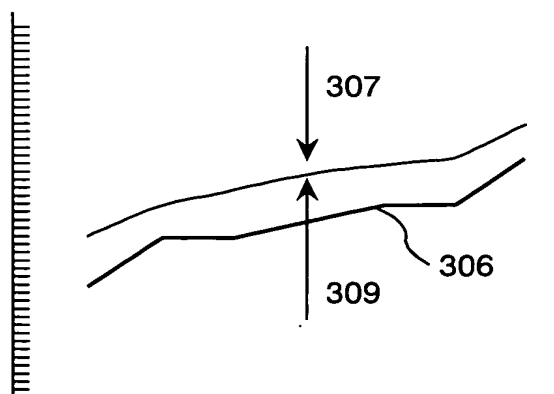
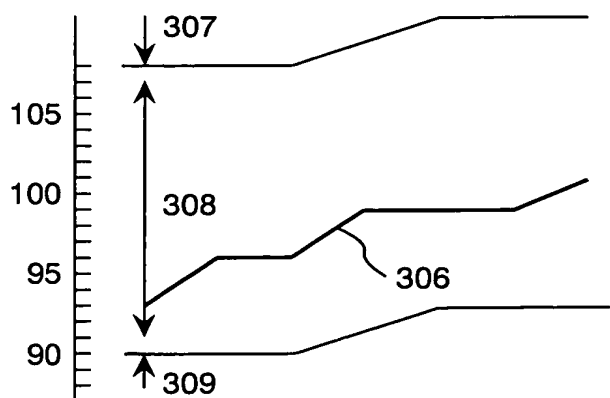
**FIG. 5c**OUTPUT AFTER A/D CONVERSION  
WHEN A/D CONVERSION INPUT RANGE  
IS CHANGED**FIG. 5d**TRIPLED NORMAL OUTPUT AFTER  
A/D CONVERSION

FIG. 6

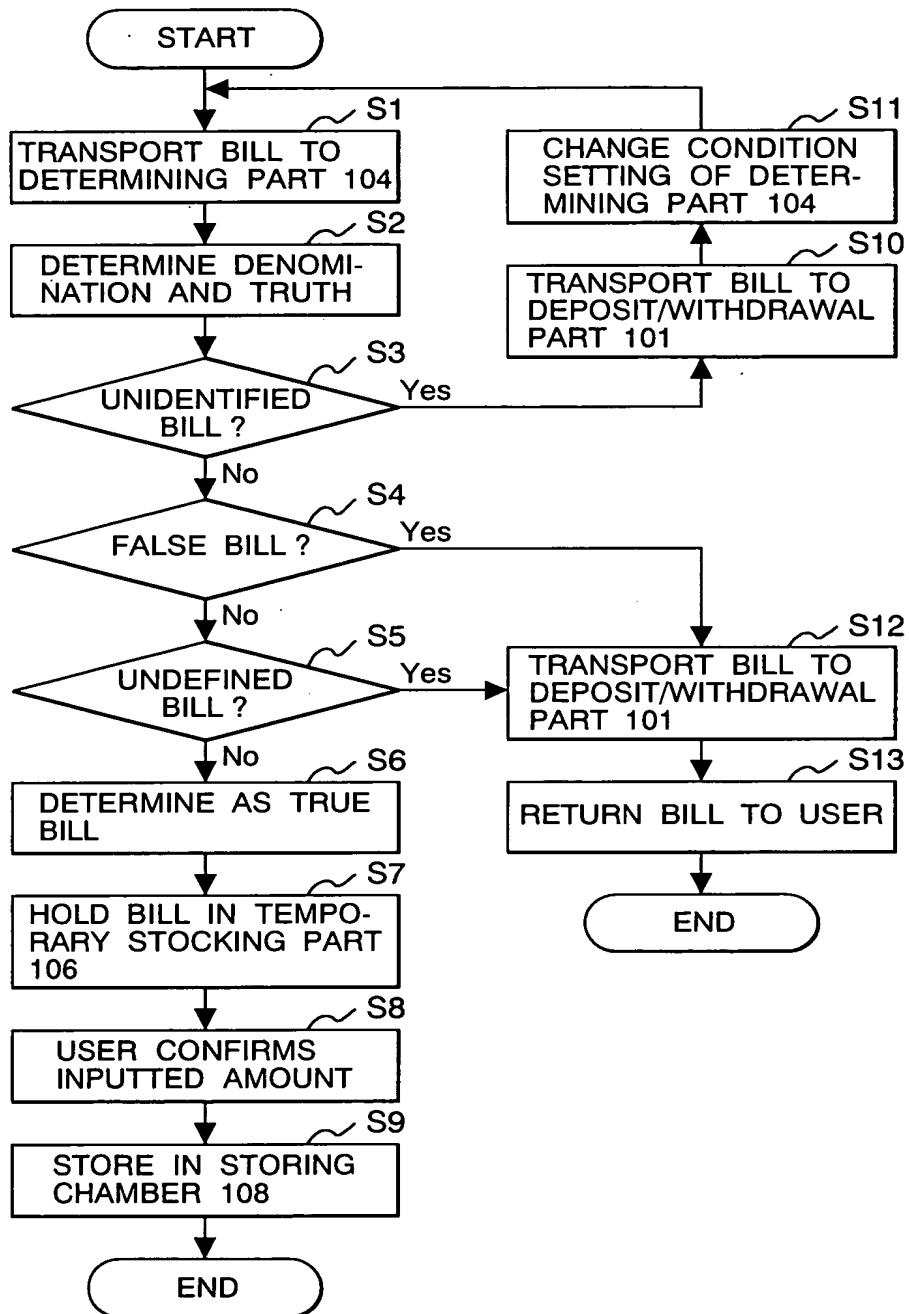


FIG. 7

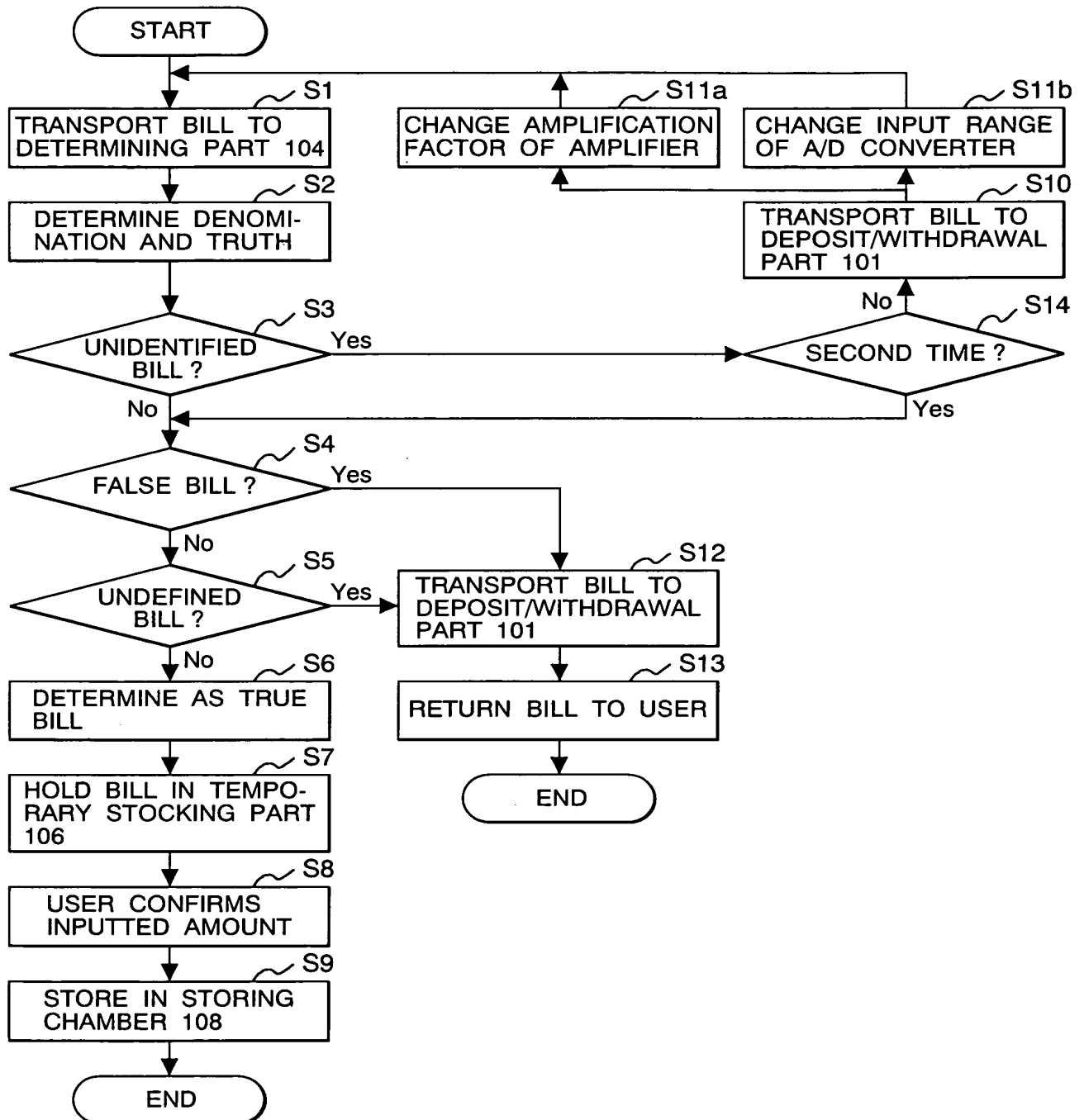
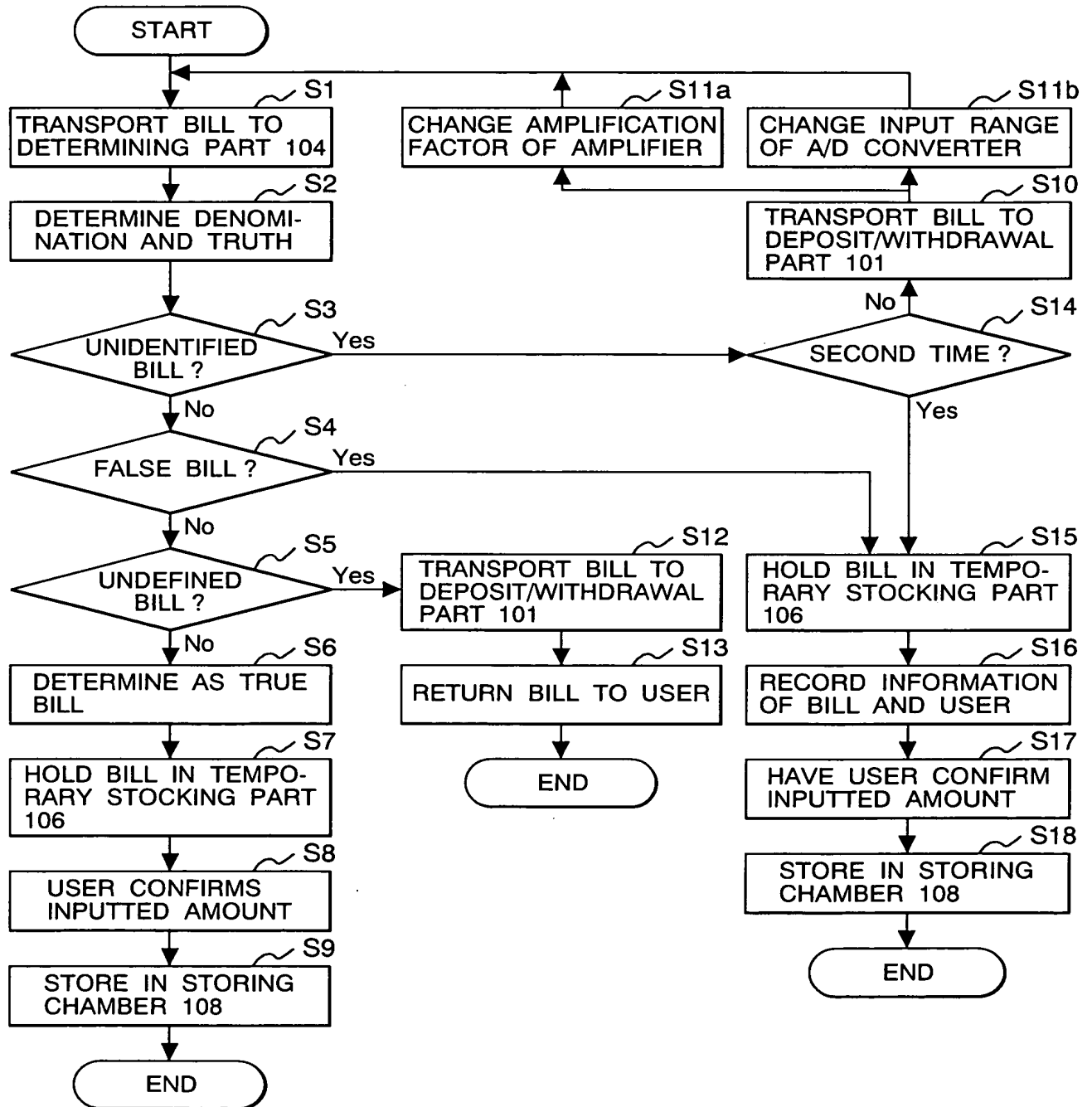


FIG. 8





**FIG. 9**

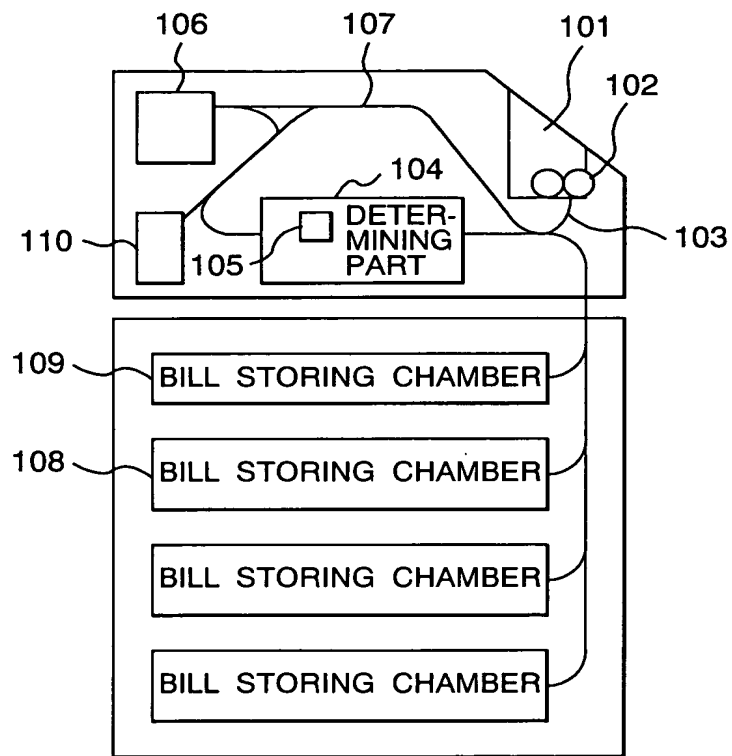


FIG. 10

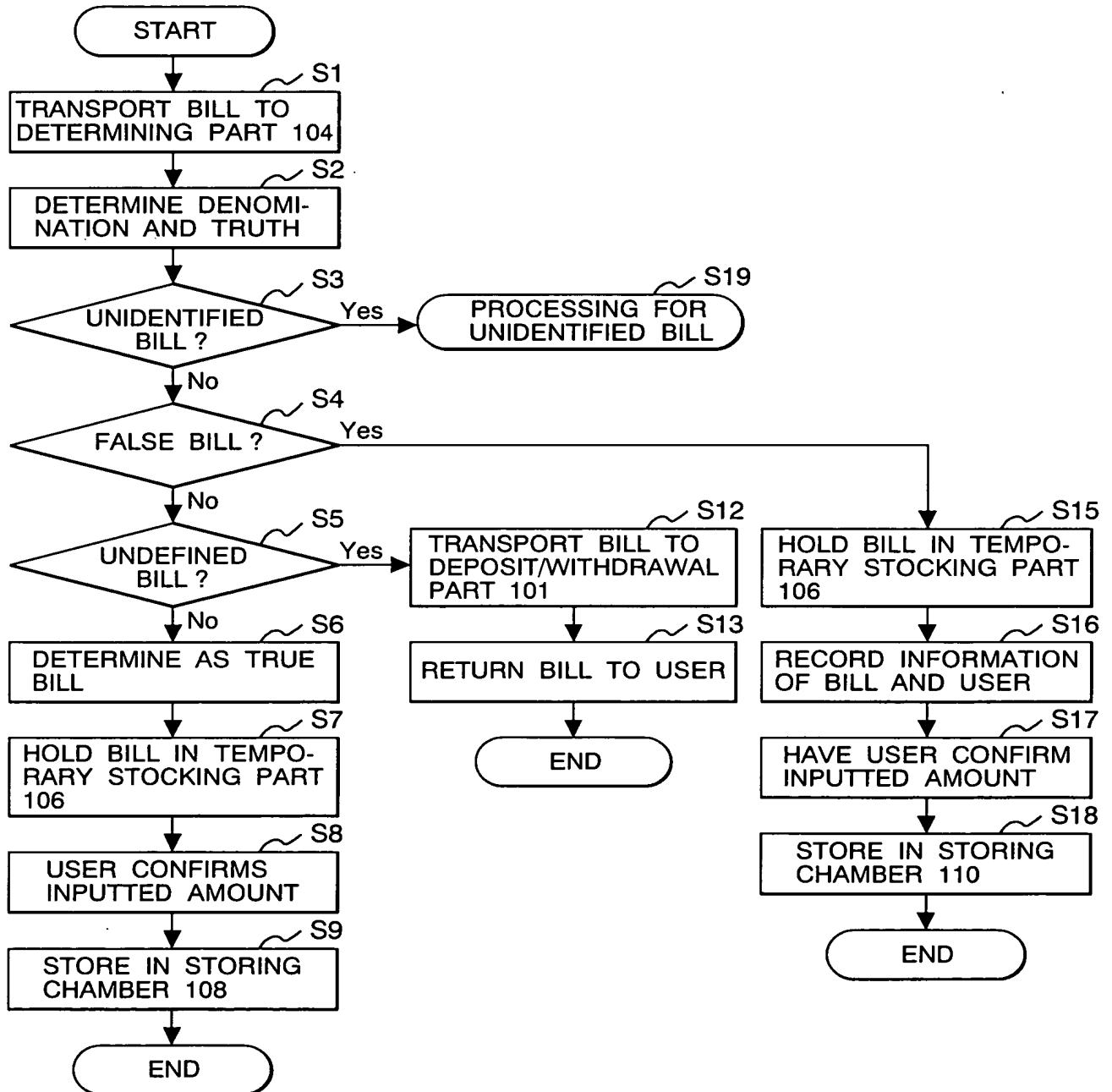


FIG. 11

